

# Laboratory Operations Requirements Variance Form

The requesting DDIPDIOD (or POC) shall complete items 1-6.

1. Variance to LPR(s) or LIR(s) document number:

Title  
Engineering Standards Manual, OST 220-03-01

Section/Page  
Chapt 2.5.2 A, Chapt 7.4.4

2. Variance (Use continuation sheet if necessary.)

See attachment

3. Justification (Use continuation sheet if necessary.)

See attachment

4. Applicable compensating measures (Use continuation sheet if necessary.)

See attachment

*Jim R. Street*  
JIM STREET, FWO - FIRE  
GL/FIRE MARSHAL

*6/19/03*  
GRINDER GREWAL  
ENG STDS LIR OIC

5. Variance being requested for (specify dates or duration): For duration and applicable only to PID 100400

6. Requesting DD/PD/OD (or designee) must sign this section of the variance request.

Requesting DD/PD/OD (Print)

Anthony Stanford

Title

FWO Division Director

Signature

*Anthony Stanford*

Date

6/23/03

The requesting DDIPDIOD (or POC) shall forward a copy of the request form to the Action DDIPDIOD (or POC) and a copy to the LSRPIESH-OIO, MS C303.

The action DDIPDIOD (or designee) shall complete items 7-8 within 15 working days.

7. Variance: ☒ Approved for a duration of: project ☐ Denied ☐ Other (Use continuation sheet if necessary.)

8. Action DD/PD/OD (Print)

A. Stanford

Title

FWO DO

Signature

*Anthony Stanford for ARS*

Date

6/23/03

The action DDIPDIOD (or POC) shall send a copy of the original form indicating approval/denial to the requesting DDIPDIOD (or POC) and shall send a copy of the form to the LSRPIESH-OIO for record retention.

9. Requesting and Action Directors concur with changes made to this request for variance: Date:

Requesting Director (sign)

Action Director (sign)

The DLD-OPS shall approve/deny the variance if/when resolution is not reached at the requesting and action DDIPDIOD level.

10. Variance ☐ Approved for a duration of:                      ☐ Denied ☐ Other (Use continuation sheet if necessary.)

11. DLD-OPS (Print)

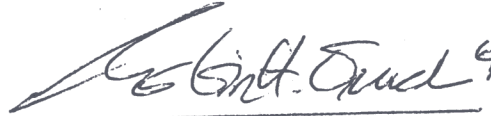
Signature

Date

2. For the Partial Site Wide Fire Alarm System Replacement Project (PID 100140), eliminate the requirement for sealing and signature of professional engineer on fire detection and alarm system design/shop drawings prepared by factory-qualified, NICET-certified fire alarm contractors.
3. Requirement of professional engineers seal/stamp on fire alarm contractor design/shop drawings does not add value or improve level of safety, which is reflected in Chapter 7.6.3. State of New Mexico Construction Industries Division (CID) Administration Code (NMAC) does not require PE stamp/seal of fire alarm contractor design/shop drawings. NMAC requires licensure, e.g., Class EE-98, ES-3, EE-98J or ES-3J, with appropriate training and experience and requires compliance with State Electrical Code (NFPA 70, 2002) and subsequently NFPA 72 which aligns/LANL requirements (See NMAC 14.5.6.8.D). Professional electrical or fire protection engineers typically do not have detailed product-specific knowledge of fire alarm equipment, capabilities and limitations that factory-qualified fire alarm contractor/distributor does.
4. Project-specific Specification 13851 and related project documents will include requirements for the fire alarm system designer – factory qualification and NICET Level III certification in fire alarm systems – and fire contractors – licensed in any state, previous design experience, and factory – trained/qualified – to sufficiently satisfy qualification expectations commensurate or in excess of State of New Mexico requirements. Designs will be reviewed and approved in accordance with Specification 13851, OST 220-03-01 Chapter 7.6.3.C, LANL LIR 402-910-01.5 § 5.1, and NFPA 72 expectations.

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TOBIN ORUCH  
ENG. STDS. MANAGER